



EXTREME PRESSURE Rock Drill Oil

Blended From Premium Base Oils
For Use in Pneumatic Equipment



REV: 03.20.2019



DESCRIPTION

Xtreme™ EP Rock Drill Oils are blended from premium base oils selected for their ability to minimize carbon deposits and fortified with extreme pressure additives, rust and oxidation inhibitors, smoke inhibiting additives and tackiness additives to cling to moving parts of pneumatic percussion tools.

Xtreme™ EP Rock Drill Oils are recommended for use in lubricating all types of pneumatic equipment such as jackhammers, pavement breakers, stoppers, drifters and down home drills in road construction, quarries and mining.

BENEFITS

- ▣ Protection of metal surfaces against shock loading and boundary lubrication
- ▣ Inhibits rust, corrosion and foaming
- ▣ Reduced heat in pneumatic tools
- ▣ Contains ashless anti-wear additives for maximum protection to moving parts under extreme pressure
- ▣ Low fogging tendencies
- ▣ Environmentally friendly ashless formulation

APPLICATION

- Pneumatic percussion tools in quarries and road construction and other rock drilling or breaking applications
- Pneumatic tools in a wide variety of applications where EP properties and tack additives are recommended

PERFORMANCE LEVELS

- Ingersoll-Rand
- Gardner-Denver
- Joy / Sullivan
- Atlas Copco (Chicago Pneumatic)

TYPICAL PROPERTIES	METHOD	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Specific Gravity at 15.6°C	D-1298	0.8579	0.8666	0.8747	0.8786	0.8766	0.8872	0.8925	0.9242
Viscosity, cSt at 40°C	D-445	32.1	47.2	71.9	104.3	145.7	217.1	313.6	422.8
Viscosity, cSt at 100°C	D-445	5.7	7.2	9.0	11.8	15.5	19.6	24.6	34.2
Flash Point, COC, °C	D-92	162	184	174	200	204	222	231	246
Pour Point, °C	D-97	-38	-34	-35	-21	-18	-15	-12	-10
4-Ball Weld Load, kgf	D-2783	250	250	250	250	250	250	250	250
Operating Range, °F(°C)		-35-40 (-37-4)	-20-40 (-7-4)	0-50 (18-10)	40-80 (4-27)	75-100 (24-38)	>75 (24)	>75 (24)	>75 (24)
ML Reference No.		590936	574147	574055	573440	574063	582354	573466	592157

TYPICAL PROPERTIES	METHOD	ISO 680	ISO 1000
Specific Gravity at 15.6°C	D-1298	0.9194	0.9176
Viscosity, cSt at 40°C	D-445	670.4	925.3
Viscosity, cSt at 100°C	D-445	42.5	
Flash Point, COC, °C	D-92	252	240
Pour Point, °C	D-97	-10	-11
4-Ball Weld Load, kgf	D-2783	250	250
Operating Range, °F(°C)		>80(>27)	>80(>27)
ML Reference No.		593149	582856



NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Technical Service Department.

Health And Safety Information See separate Safety Data Sheets available on request.

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